

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003463.D
 Acq On : 23 Jun 2018 16:28
 Operator : SY/AP
 Sample : J3664-06
 Misc : 6.54G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619

Quant Time: Jun 25 03:55:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

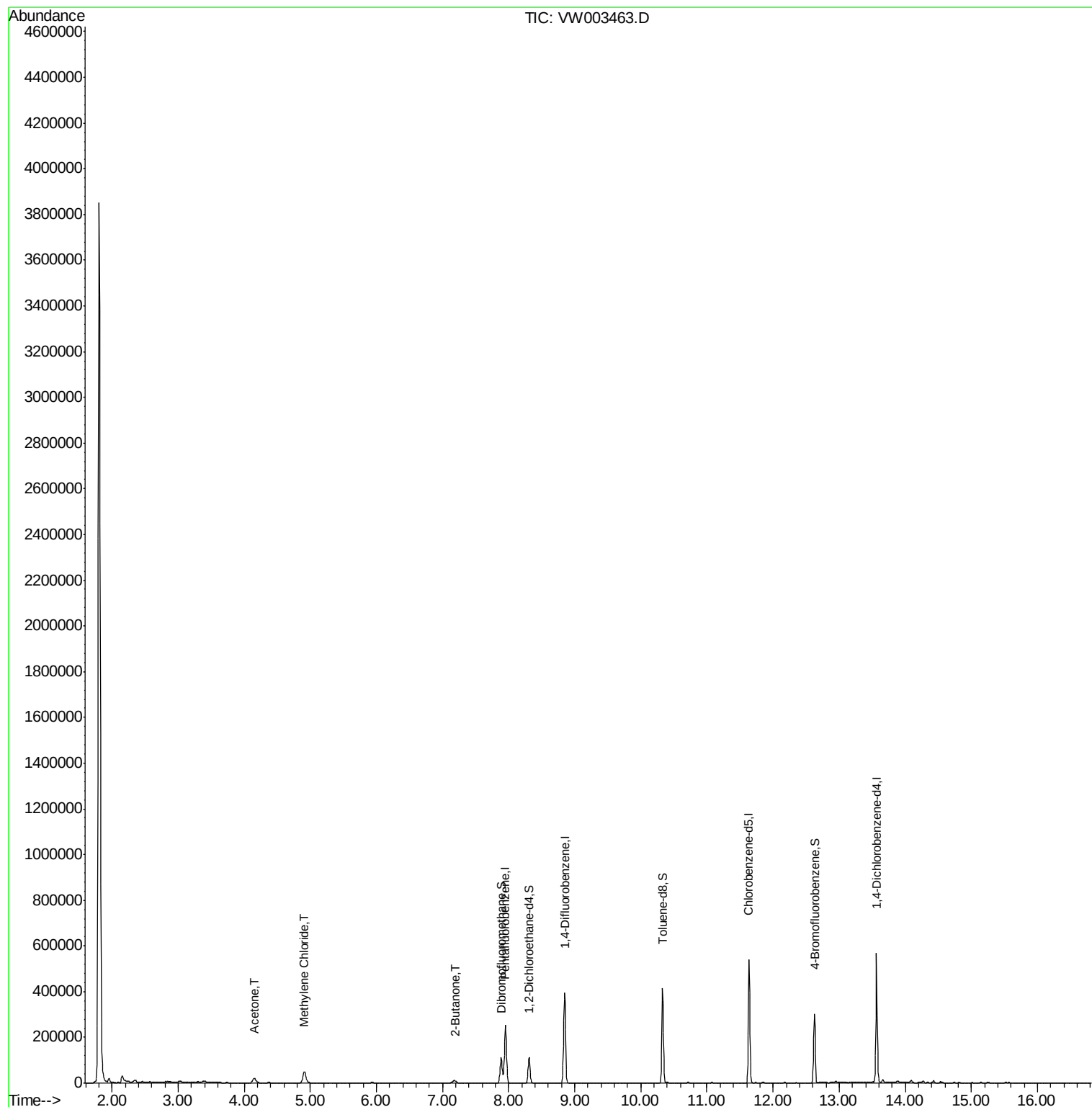
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	186607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	314267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	289433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	138504	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	88623	43.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.70%	
35) Dibromofluoromethane	7.88	113	76841	39.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.70%	
50) Toluene-d8	10.33	98	259421	33.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.00%	
62) 4-Bromofluorobenzene	12.63	95	87850	32.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.12%	
Target Compounds						
16) Acetone	4.15	43	45526	107.39	ug/l	98
20) Methylene Chloride	4.92	84	39875	19.94	ug/l	97
25) 2-Butanone	7.20	43	11311	21.46	ug/l	92

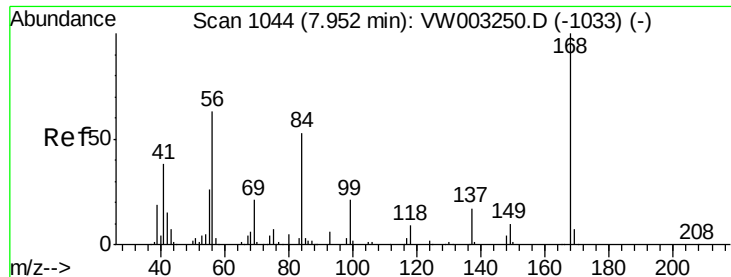
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 16 05:18:54 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003463.D

Acq: 23 Jun 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

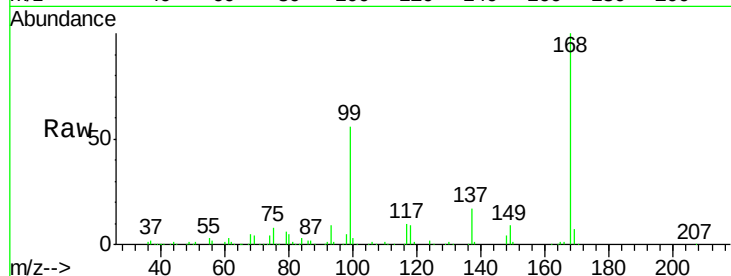
WP021SB476-25-27-180619

Tot Ion:168 Resp: 186607

Ion Ratio Lower Upper

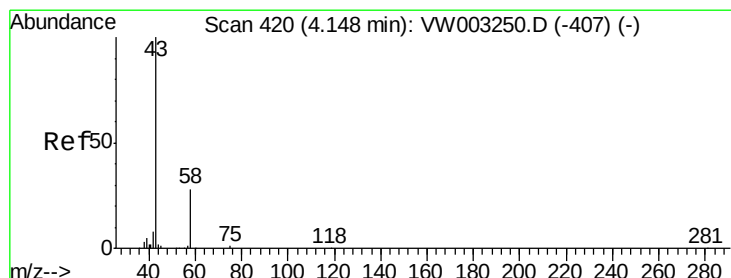
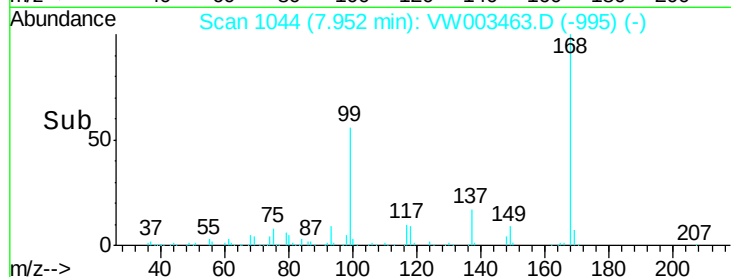
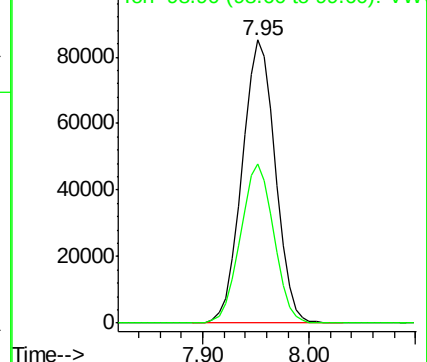
168 100

99 56.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 107.39 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003463.D

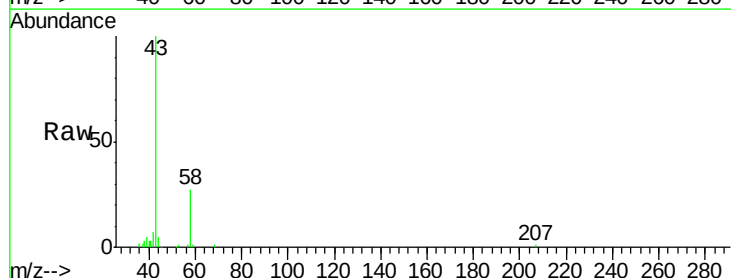
Acq: 23 Jun 2018 16:28

Tgt Ion: 43 Resp: 45526

Ion Ratio Lower Upper

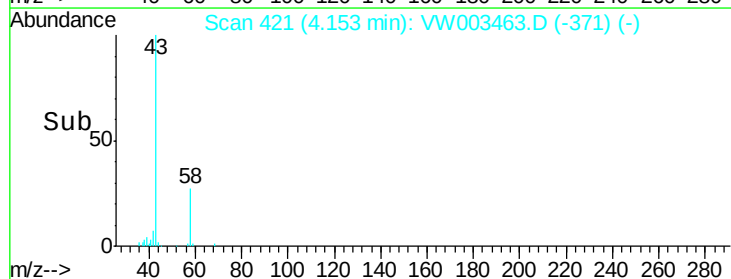
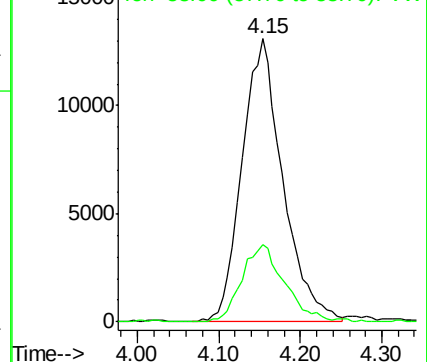
43 100

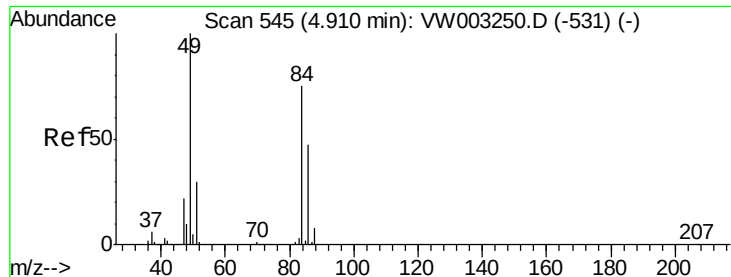
58 27.1 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

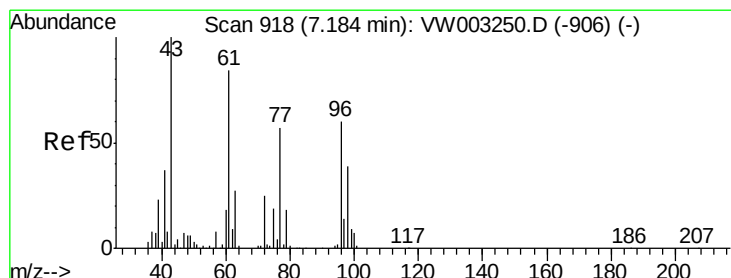
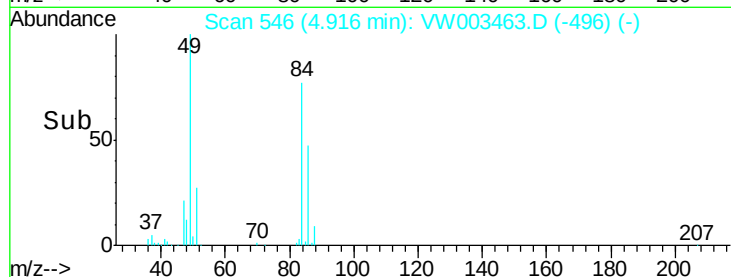
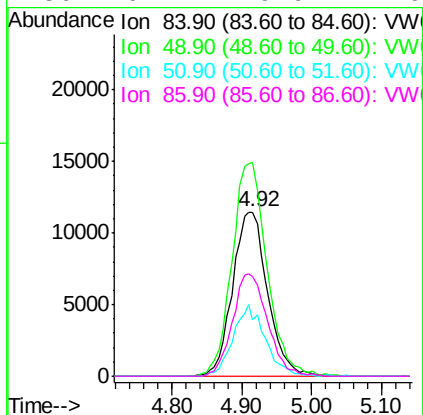
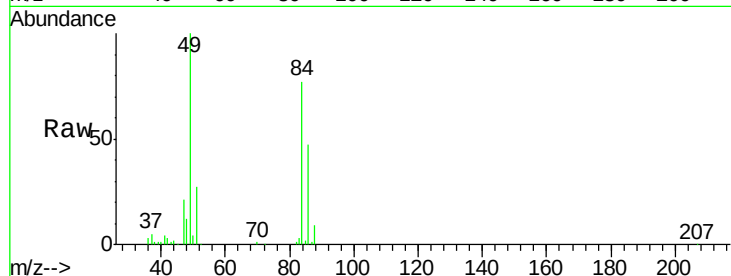




#20
Methvlene Chloride
Concen: 19.94 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003463.D
Acq: 23 Jun 2018 16:28

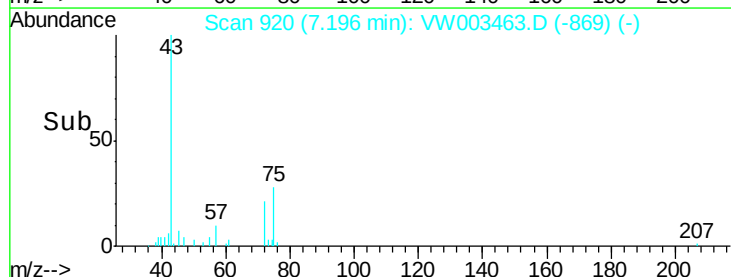
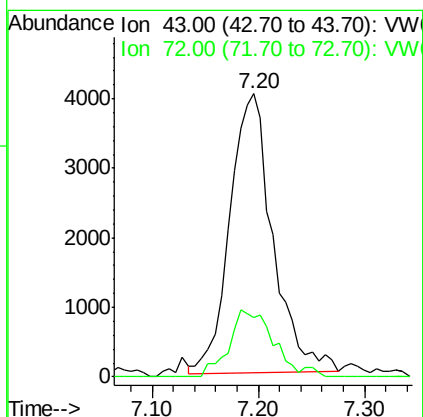
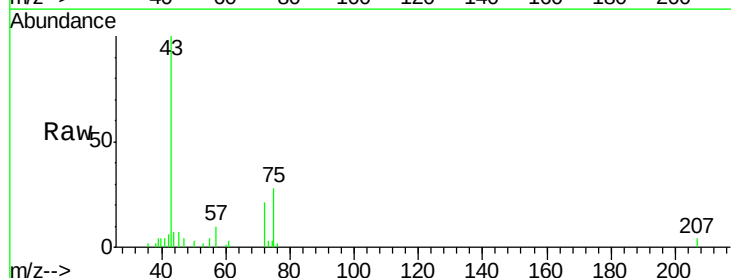
Instrument :
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ClientSampleId :
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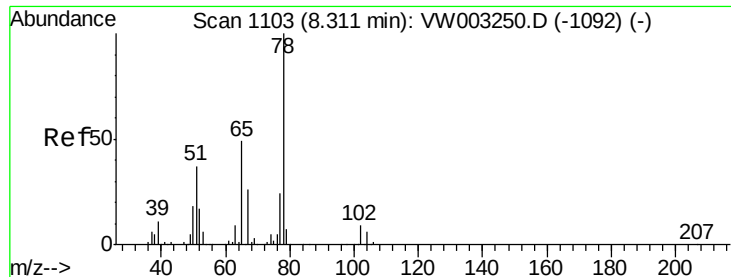
Tot Ion:	84	Resp:	39875
Ion	Ratio	Lower	Upper
84	100		
49	130.1	106.3	159.5
51	34.7	32.0	48.0
86	61.2	49.9	74.9



#25
2-Butanone
Concen: 21.46 ug/l
RT: 7.20 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW003463.D
Acq: 23 Jun 2018 16:28

Tgt Ion:	43	Resp:	11311
Ion	Ratio	Lower	Upper
43	100		
72	21.3	20.3	30.5

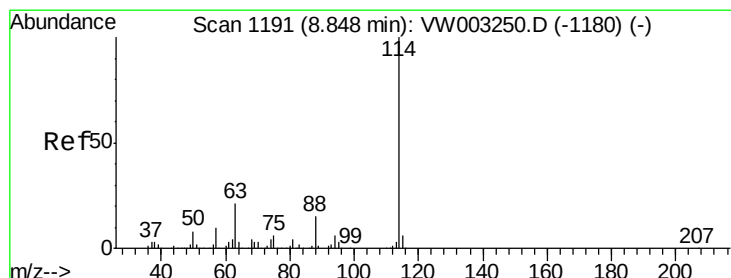
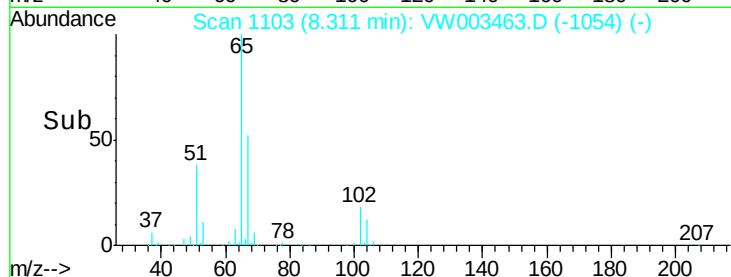
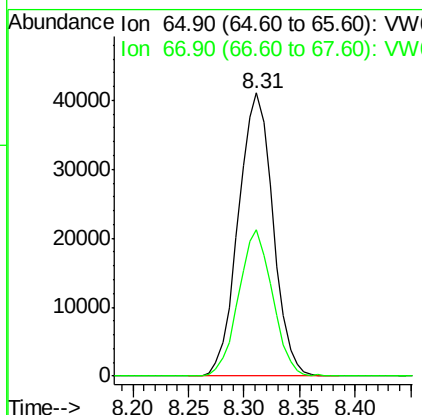
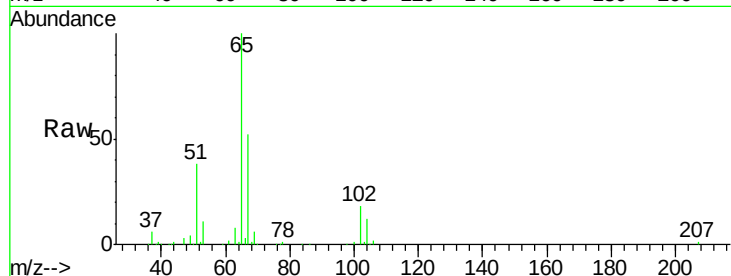




#33
 1,2-Dichloroethane-d4
 Concen: 43.85 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW003463.D
 Acq: 23 Jun 2018 16:28

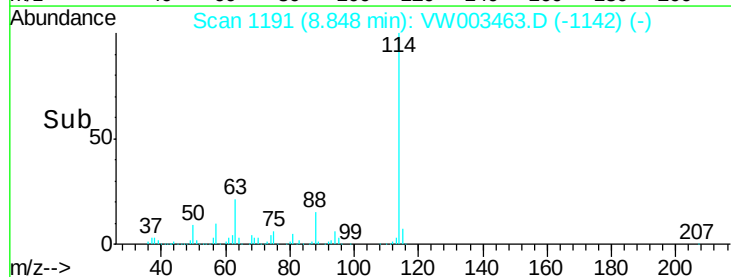
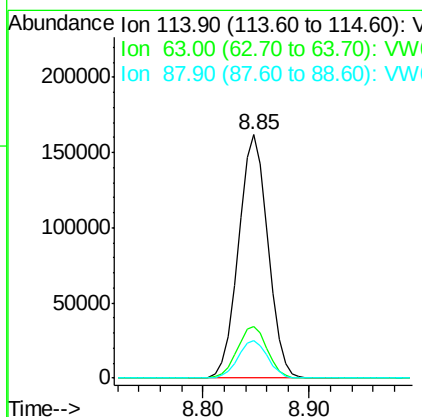
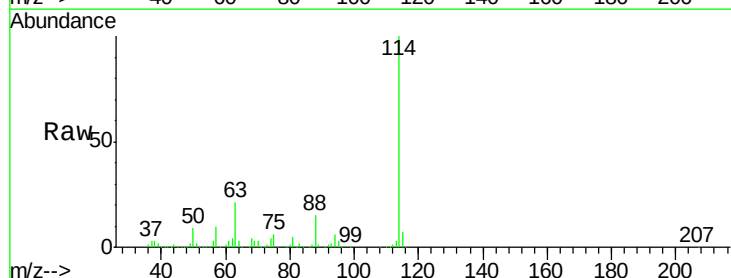
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619

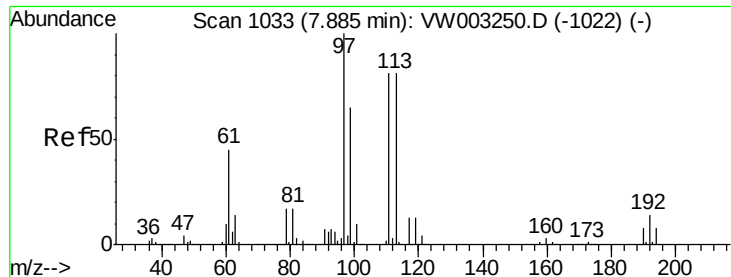
Tot Ion: 65 Resp: 88623
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003463.D
 Acq: 23 Jun 2018 16:28

Tgt Ion: 114 Resp: 314267
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.0
 88 15.2 0.0 29.6

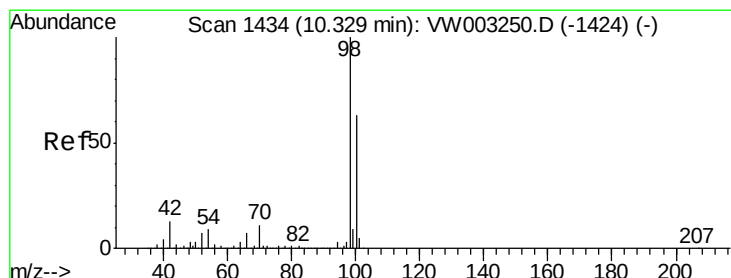
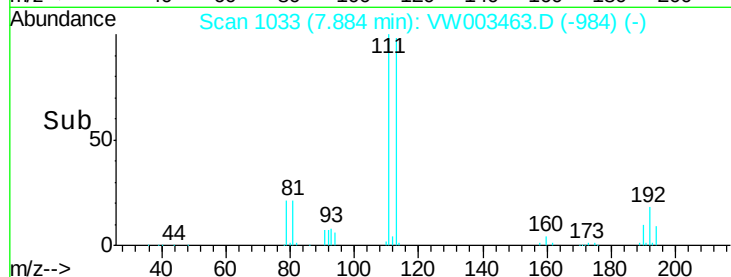
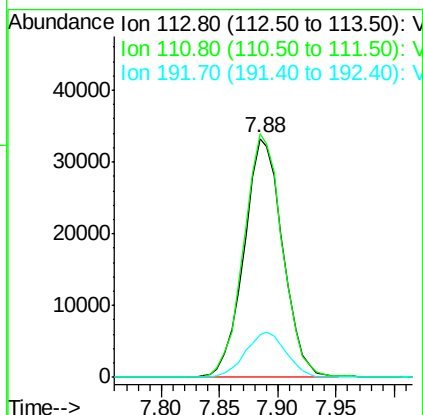
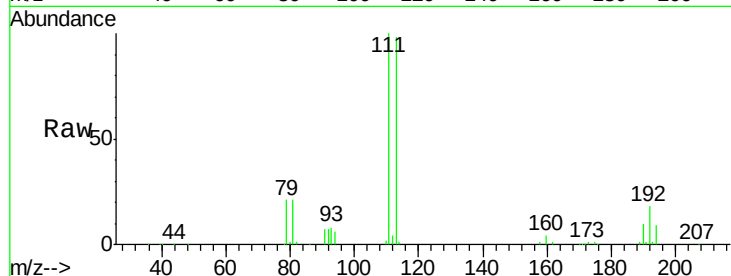




#35
 Dibromofluoromethane
 Concen: 39.35 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003463.D
 Acq: 23 Jun 2018 16:28

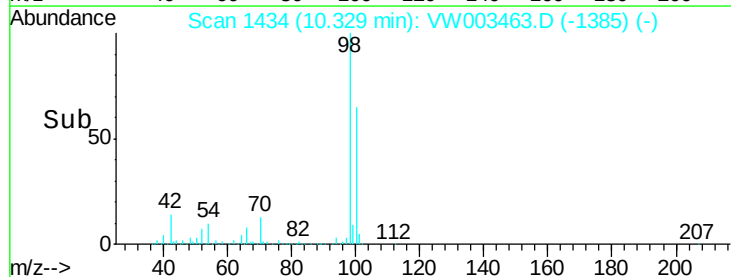
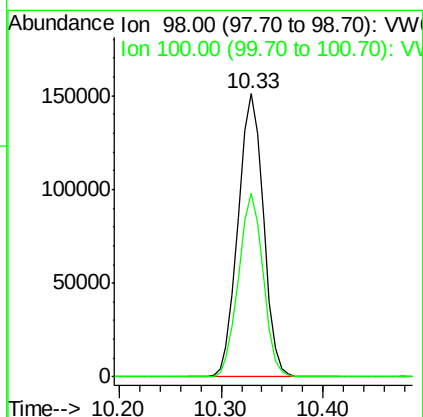
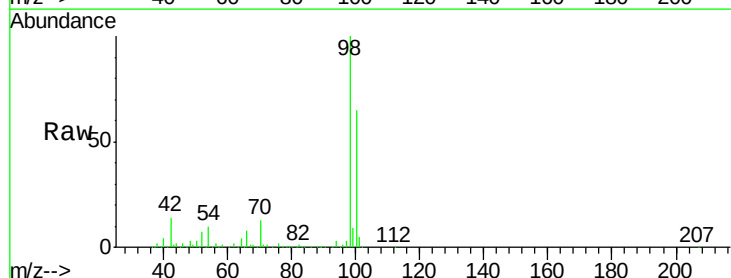
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB476-25-27-180619

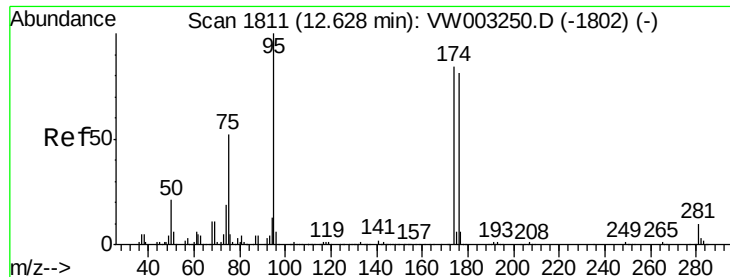
Tot Ion:113 Resp: 76841
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.2
 192 19.7 16.2 24.2



#50
 Toluene-d8
 Concen: 33.50 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW003463.D
 Acq: 23 Jun 2018 16:28

Tgt Ion: 98 Resp: 259421
 Ion Ratio Lower Upper
 98 100
 100 62.9 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 32.06 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW003463.D

Acq: 23 Jun 2018 16:28

Instrument :

MSVOA_W

ClientSampleId :

WP021SB476-25-27-180619

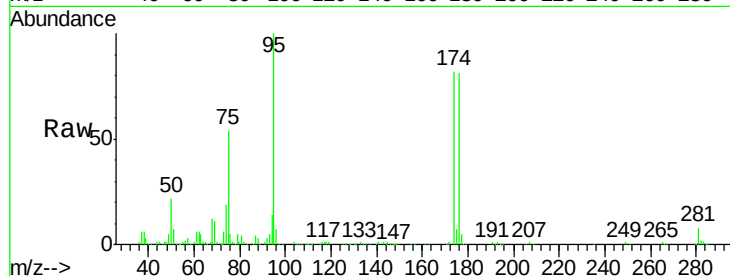
Tot Ion: 95 Resp: 87850

Ion Ratio Lower Upper

95 100

174 83.9 0.0 166.4

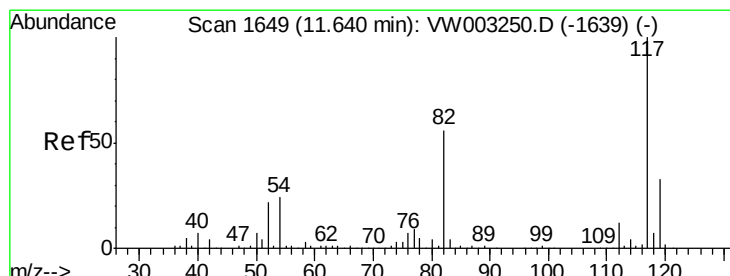
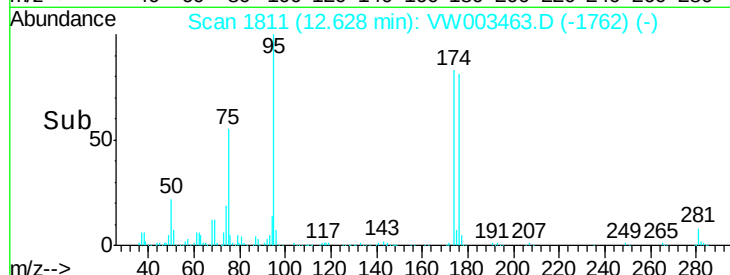
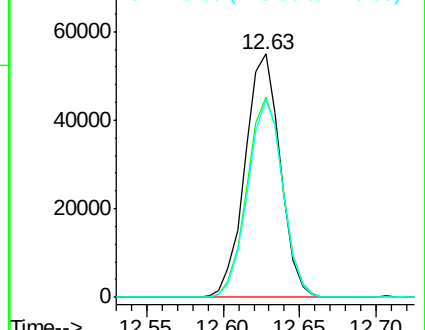
176 81.0 0.0 162.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VW003463.D

Acq: 23 Jun 2018 16:28

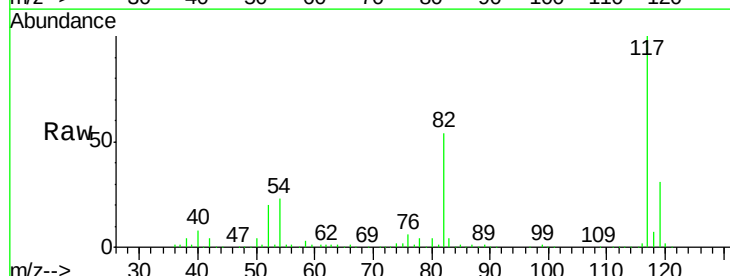
Tgt Ion: 117 Resp: 289433

Ion Ratio Lower Upper

117 100

82 53.7 44.6 67.0

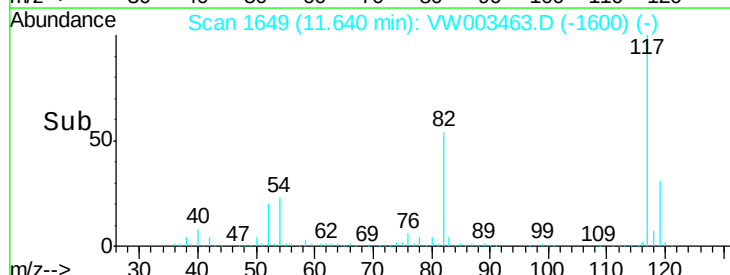
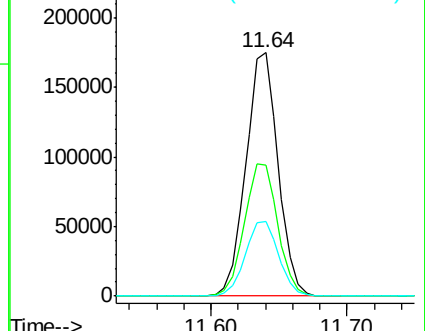
119 30.8 26.7 40.1

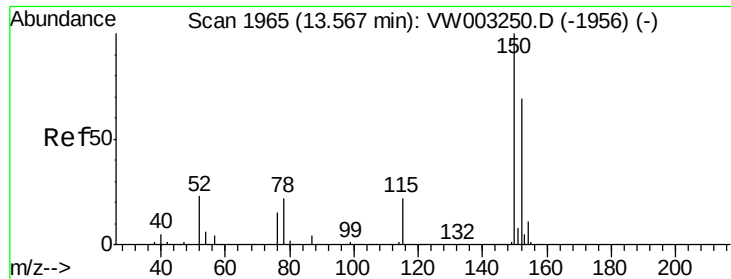


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003463.D

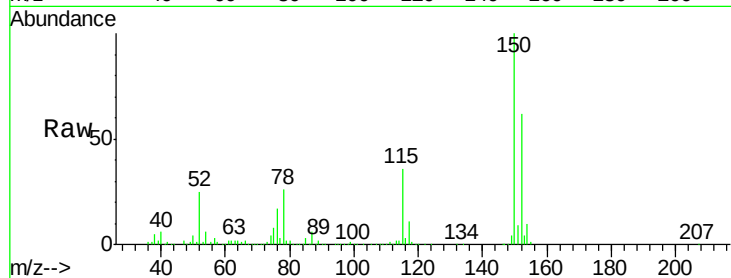
Acq: 23 Jun 2018 16:28

Instrument :

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ClientSampleId :

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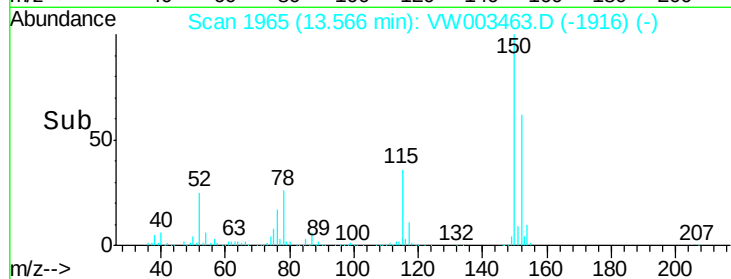
Tot Ion:152 Resp: 138504

Ion Ratio Lower Upper

152 100

115 58.3 29.3 88.0

150 158.7 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

